Page 1 of 7

#4/50 04 CO

OIPE

RAW SEQUENCE LISTING

DATE: 09/13/2000

PATENT APPLICATION: US/09/641,802

Output Set: N:\CRF3\09132000\1641802.raw

Input Set : A:\UTMB.0024.txt

TIME: 18:22:04

ENTERED

```
4 <110> APPLICANT: BOLDOGH, Istvan
      7 <120> TITLE OF INVENTION: USE OF COLOSTRININ, CONSTITUENT PEPTIDES THEREOF, AND ANALOGS THEREOF
              TO PROMOTE NEURAL CELL DIFFERENTIATION
    10 <130> FILE REFERENCE: 265.00240101
C--> 12 <140> CURRENT APPLICATION NUMBER: US/09/641,802
     13 <141> CURRENT FILING DATE: 2000-08-17
     15 <150> PRIOR APPLICATION NUMBER: 60/149,633
     16 <151> PRIOR FILING DATE: 1999-08-17
     18 <160> NUMBER OF SEQ ID NOS: 34
     20 <170> SOFTWARE: PatentIn Ver. 2.1
     22 <210> SEQ ID NO: 1
     23 <211> LENGTH: 7
     24 <212> TYPE: PRT
     25 <213> ORGANISM: Artificial Sequence
     27 <220> FEATURE:
     28 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
     29
             peptide
     31 <400> SEQUENCE: 1
     32 Met Gln Pro Pro Pro Leu Pro
     33
     36 <210> SEQ ID NO: 2
     37 <211> LENGTH: 17
     38 <212> TYPE: PRT
     39 <213> ORGANISM: Artificial Sequence
     41 <220> FEATURE:
     42 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
             peptide
     43
     45 <400> SEQUENCE: 2
     46 Leu Gln Thr Pro Gln Pro Leu Leu Gln Val Met Met Glu Pro Gln Gly
     47
                                             10
     49 Asp
     53 <210> SEQ ID NO: 3
     54 <211> LENGTH: 18
     55 <212> TYPE: PRT
     56 <213> ORGANISM: Artificial Sequence
     58 <220> FEATURE:
     59 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
     60
             peptide
     62 <400> SEQUENCE: 3
     63 Asp Gln Pro Pro Asp Val Glu Lys Pro Asp Leu Gln Pro Phe Gln Val
    66 Gln Ser
     70 <210> SEQ ID NO: 4
     71 <211> LENGTH: 12
    72 <212> TYPE: PRT
     73 <213> ORGANISM: Artificial Sequence
```

75 <220> FEATURE:

DATE: 09/13/2000

TIME: 18:22:04

Input Set : A:\UTMB.0024.txt Output Set: N:\CRF3\09132000\1641802.raw 76 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic peptide 79 <400> SEQUENCE: 4 80 Leu Phe Phe Phe Leu Pro Val Val Asn Val Leu Pro 84 <210> SEQ ID NO: 5 85 <211> LENGTH: 15 86 <212> TYPE: PRT 87 <213> ORGANISM: Artificial Sequence 89 <220> FEATURE: 90 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic peptide 93 <400> SEQUENCE: 5 94 Asp Leu Glu Met Pro Val Leu Pro Val Glu Pro Phe Pro Phe Val 10 98 <210> SEQ ID NO: 6 99 <211> LENGTH: 11 100 <212> TYPE: PRT 101 <213> ORGANISM: Artificial Sequence 103 <220> FEATURE: 104 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic 105 peptide 107 <400> SEQUENCE: 6 108 Met Pro Gln Asn Phe Tyr Lys Leu Pro Gln Met 112 <210> SEQ ID NO: 7 113 <211> LENGTH: 15 114 <212> TYPE: PRT 115 <213> ORGANISM: Artificial Sequence 117 <220> FEATURE: 118 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic 119 peptide 121 <400> SEQUENCE: 7 122 Val Leu Glu Met Lys Phe Pro Pro Pro Pro Gln Glu Thr Val Thr 123 1 126 <210> SEQ ID NO: 8 127 <211> LENGTH: 15 128 <212> TYPE: PRT 129 <213> ORGANISM: Artificial Sequence 131 <220> FEATURE: 132 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic peptide 133 135 <400> SEQUENCE: 8 136 Leu Lys Pro Phe Pro Lys Leu Lys Val Glu Val Phe Pro Phe Pro 137 140 <210> SEQ ID NO: 9 141 <211> LENGTH: 5 142 <212> TYPE: PRT 143 <213> ORGANISM: Artificial Sequence

US/09/641,802

RAW SEQUENCE LISTING PATENT APPLICATION:

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/641,802

DATE: 09/13/2000
TIME: 18:22:04

Input Set : A:\UTMB.0024.txt

Output Set: N:\CRF3\09132000\1641802.raw

```
145 <220> FEATURE:
146 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
147
         peptide
149 <400> SEQUENCE: 9
150 Val Val Met Glu Val
151
154 <210> SEQ ID NO: 10
155 <211> LENGTH: 4
156 <212> TYPE: PRT
157 <213> ORGANISM: Artificial Sequence
159 <220> FEATURE:
160 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
161
          peptide
163 <400> SEQUENCE: 10
164 Ser Glu Gln Pro
165 1
168 <210> SEQ ID NO: 11
169 <211> LENGTH: 3
170 <212> TYPE: PRT
171 <213> ORGANISM: Artificial Sequence
173 <220> FEATURE:
174 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
175
         peptide
177 <400> SEQUENCE: 11
178 Asp Lys Glu
179
182 <210> SEQ ID NO: 12
183 <211> LENGTH: 5
184 <212> TYPE: PRT
185 <213> ORGANISM: Artificial Sequence
187 <220> FEATURE:
188 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
189
          peptide
191 <400> SEQUENCE: 12
192 Phe Pro Pro Pro Lys
193
196 <210> SEQ ID NO: 13
197 <211> LENGTH: 6
198 <212> TYPE: PRT
199 <213> ORGANISM: Artificial Sequence
201 <220> FEATURE:
202 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
         peptide
203
205 <400> SEQUENCE: 13
206 Asp Ser Gln Pro Pro Val
207
210 <210> SEQ ID NO: 14
211 <211> LENGTH: 7
212 <212> TYPE: PRT
```

DATE: 09/13/2000

TIME: 18:22:04

PATENT APPLICATION: US/09/641,802 Input Set : A:\UTMB.0024.txt Output Set: N:\CRF3\09132000\I641802.raw 213 <213> ORGANISM: Artificial Sequence 215 <220> FEATURE: 216 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic peptide 217 219 <400> SEQUENCE: 14 220 Asp Pro Pro Pro Pro Gln Ser 221 224 <210> SEQ ID NO: 15 225 <211> LENGTH: 5 226 <212> TYPE: PRT 227 <213> ORGANISM: Artificial Sequence 229 <220> FEATURE: 230 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic 231 peptide 233 <400> SEQUENCE: 15 234 Ser Glu Glu Met Pro 235 1 238 <210> SEQ ID NO: 16 239 <211> LENGTH: 7 240 <212> TYPE: PRT 241 <213> ORGANISM: Artificial Sequence 243 <220> FEATURE: 244 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic 245 peptide 247 <400> SEQUENCE: 16 248 Lys Tyr Lys Leu Gln Pro Glu 249 1 252 <210> SEQ ID NO: 17 253 <211> LENGTH: 7 254 <212> TYPE: PRT 255 <213> ORGANISM: Artificial Sequence 257 <220> FEATURE: 258 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic peptide 259 261 <400> SEQUENCE: 17 262 Val Leu Pro Pro Asn Val Gly 263 266 <210> SEQ ID NO: 18 267 <211> LENGTH: 10 268 <212> TYPE: PRT 269 <213> ORGANISM: Artificial Sequence 271 <220> FEATURE: 272 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic 273 peptide 275 <400> SEQUENCE: 18 276 Val Tyr Pro Phe Thr Gly Pro Ile Pro Asn 277 1 5 280 <210> SEQ ID NO: 19 281 <211> LENGTH: 9

RAW SEQUENCE LISTING

RAW SEQUENCE LISTING DATE: 09/13/2000 PATENT APPLICATION: US/09/641,802 TIME: 18:22:04

Input Set : A:\UTMB.0024.txt

Output Set: N:\CRF3\09132000\1641802.raw

```
282 <212> TYPE: PRT
283 <213> ORGANISM: Artificial Sequence
285 <220> FEATURE:
286 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
         peptide
289 <400> SEQUENCE: 19
290 Ser Leu Pro Gln Asn Ile Leu Pro Leu
291
294 <210> SEQ ID NO: 20
295 <211> LENGTH: 10
296 <212> TYPE: PRT
297 <213> ORGANISM: Artificial Sequence
299 <220> FEATURE:
300 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
301
          peptide
303 <400> SEQUENCE: 20
304 Thr Gln Thr Pro Val Val Val Pro Pro Phe
308 <210> SEQ ID NO: 21
309 <211> LENGTH: 18
310 <212> TYPE: PRT
311 <213> ORGANISM: Artificial Sequence
313 <220> FEATURE:
314 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
315
          peptide
317 <400> SEQUENCE: 21
318 Leu Gln Pro Glu Ile Met Gly Val Pro Lys Val Lys Glu Thr Met Val
319
321 Pro Lys
325 <210> SEQ ID NO: 22
326 <211> LENGTH: 18
327 <212> TYPE: PRT
328 <213> ORGANISM: Artificial Sequence
330 <220> FEATURE:
331 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
332
          peptide
334 <400> SEQUENCE: 22
335 His Lys Glu Met Pro Phe Pro Lys Tyr Pro Val Glu Pro Phe Thr Glu
338 Ser Gln
342 <210> SEQ ID NO: 23
343 <211> LENGTH: 18
344 <212> TYPE: PRT
345 <213> ORGANISM: Artificial Sequence
347 <220> FEATURE:
348 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
349
         peptide
351 <400> SEQUENCE: 23
352 Ser Leu Thr Leu Thr Asp Val Glu Lys Leu His Leu Pro Leu Pro Leu
```

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/641,802

DATE: 09/13/2000 TIME: 18:22:05

Input Set : A:\UTMB.0024.txt
Output Set: N:\CRF3\09132000\1641802.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application Number